

Converting Colors

YUV(118.7870, -3.8390,
-28.7542)

Have a look what the booklet for
YUV(118.7870, -3.8390, -28.7542)
contains.

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Color

**YUV(118.7870, -3.8390,
-28.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	56896F
RGB	86, 137, 111
RGB Percent	34%, 54%, 44%
CMY	0.6627, 0.4627, 0.5647
CMYK	0.37, 0.00, 0.19, 0.46
HSL	149°, 23%, 44%
HSV	149°, 37%, 54%
XYZ	15.6527, 21.0175, 18.2707
YIQ	118.7870, -22.0500, -18.8980

Conversions

Conversions Part 2

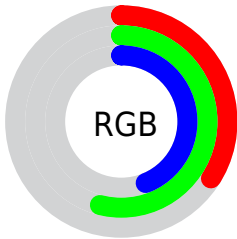
Format	Color
RYB	86, 120, 137
Decimal	5671279
CIELab	52.97, -23.21, 8.60
CIELCh	53, 24.755, 159.676
Yxy	21.0175, 0.2849, 0.3825
Android (android.graphics.Color)	4283861359 (0xFF56896F)
YUV	118.7870, -3.8390, -28.7542
Hunter-Lab	45.8448, -19.2837, 8.4623

Details

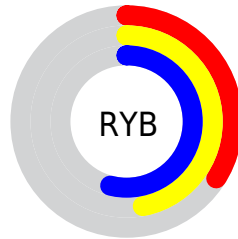
The YUV color **118.7870, -3.8390, -28.7542** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.2130, 3.8390, 28.7542**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9610, -4.4178, -29.7838**, and **69.3140, -3.1128, -28.3394** is the 20% darker color. If you saturate the color by 10%, you get **113.8030, -4.8329, -36.6612**, and if you desaturate by 10%, it is **123.7710, -2.8451, -20.8472**.

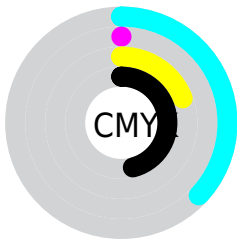
Distribution



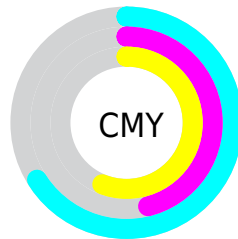
- Red (34%)
- Green (54%)
- Blue (44%)



- Red (34%)
- Yellow (47%)
- Blue (54%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7870, -3.8390, -28.7542 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 118.7870, -3.8390, -28.7542 by changing the saturation by 10% instead.

■ 118.7870, -3.8390,
-28.7542

■ 118.7870, -3.8390,
-28.7542

■ 255.0000, 0.0000,
0.0000

■ 93.3140, -3.1128,
-28.3394

■ 171.9610, -4.4178,
-29.7838

■ 69.3140, -3.1128,
-28.3394

■ 199.5480, -4.7072,
-30.2986

■ 44.3460, -1.6496,
-30.9984

■ 227.2490, -4.5598,
-30.9134

■ 26.4610, -2.6923,
-23.2063

■ 243.5090, 1.2281,
-20.6174

■ 10.5660, -5.2090,
-9.2664

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 118.7870, -3.8390,
-28.7542

■ 118.7870, -3.8390,
-28.7542

■ 113.8030, -4.8329,
-36.6612

■ 123.7710, -2.8451,
-20.8472

■ 109.1180, -5.9742,
-43.9535

■ 128.4560, -1.7038,
-13.5549

■ 104.1340, -6.9681,
-51.8605

■ 133.4400, -0.7099,
-5.6479

■ 99.1500, -7.9620,
-59.7676

■ 138.4240, 0.2840,
2.2592

■ 94.4650, -9.1032,
-67.0598

■ 143.4080, 1.2779,
10.1662

■ 89.4810, -10.0971,
-74.9668

■ 148.0930, 2.4192,
17.4584

■ 88.0570, -10.3811,
-77.2260

■ 153.0770, 3.4130,
25.3655

■ 158.0610, 4.4069,

33.2725

■ 162.7460, 5.5482,
40.5648

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



121.8620, -14.2290, -9.5260



118.7870, -3.8390, -28.7542



115.3040, 8.7241, -44.9936

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



118.7870, -3.8390, -28.7542



125.7050, 20.8514, -14.6503



127.9520, -13.7803, 33.3681

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



118.7870, -3.8390, -28.7542



104.2130, 3.8390, 28.7542

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



129.3680, -4.6184, 34.7573



118.7870, -3.8390, -28.7542



129.2410, 14.6712, 7.6816

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



118.7870, -3.8390, -28.7542



120.0180, 22.6691, -37.7268



129.4730, 6.1758, 25.8952



126.4040, -19.4262, 24.2017

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



118.7870, -3.8390, -28.7542



114.8070, 15.8711, -50.6967



129.4730, 6.1758, 25.8952



128.0600, -10.8756, 35.0274

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



118.7870, -3.8390, -28.7542



171.7660, -1.8566, -11.1958



123.7110, -18.5915, -10.2705



85.0270, -0.9993, -6.1627



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



118.7870, -3.8390, -28.7542



150.1070, -5.9688, -45.6978



121.6370, 7.0810, -31.2536



66.4510, -0.7153, -3.9035



85.4810, -10.0971, -74.9668



3.2770, -0.1366, -2.8739

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



104.2130, 3.8390, 28.7542



126.8930, 5.9688, 45.6978



101.3630, -7.0810, 31.2536



64.4350, 0.2785, 4.0035



47.5190, 10.0971, 74.9668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 118.7870, -3.8390, -28.7542 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.7870, -3.8390, -28.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

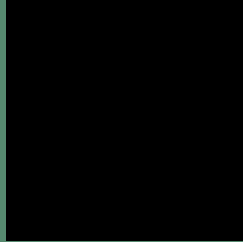
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.7870, -3.8390, -28.7542 Background



This preview shows how black text looks on a background with the YUV color 118.7870, -3.8390, -28.7542.



This preview shows how white text looks on a background with the YUV color 118.7870, -3.8390,

-28.7542.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

118.7870, -3.8390, -28.7542

Protanopia

125.6990, -10.2046, 6.4030

Deuteranopia

126.4810, -6.1531, 13.6102



Tritanopia

122.1800, 10.2643, -25.5909

Trichromacy



Original Color

118.7870, -3.8390, -28.7542

Protanomaly

123.1920, -7.9827, -6.3074

Deuteranomaly

123.9090, -5.3781, -1.6742

Tritanomaly

120.5020, 5.1755, -26.7503

Monochromacy



Original Color

118.7870, -3.8390, -28.7542

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7870, -3.8390, -28.7542 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(86, 137, 111)` looks like.

```
.text, #text, p{  
    color:rgb(86, 137, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(86, 137, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 137, 111) }
```

Border

The CSS property to change the border of an element to YUV 118.7870, -3.8390, -28.7542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 137, 111) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(86, 137, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(86, 137, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 137, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 137, 111);  
box-shadow:4px 4px 4px 4px rgb(86, 137,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 118.7870, -3.8390, -28.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 137, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(86, 137,  
111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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